

LW 6000 Twist-Off





Automatic stainless steel glass jar sealer model LW 6000 Twist-Off



Cap transfer. Press-on device and cap strap in their 50-year-approved stainless standard



Central adjusting of the side belts



LW 6000 with magnetic elevator LW 1100 (LW 6000 comes by default with magnetic elevator LW 1100.)

Fully automatic stainless steel glass jar sealer model 'LW 6000' Twist-Off

The new completely stainless steel designed LW 6000 is based on the Twist-Off Machine LUBECA LW 60 that is used worldwide. Its structure regarding care, cleaning and hygiene was revised to meet the highest standards of food industry.

The hygienically designed machine was laid out for small to medium performances (up to 300 jars/min). With the LW 6000, both Twist-Off and PT caps can be used.

Work process

The caps are pre-sorted by the magnet conveyor LW 1100, set in the Cap chute for the transfer to a jar and warmed up in this position. During the seaming process, the area between cap and jar is being vaporised.

The filled-up jars (with the appropriate headspace) are transported on the flap joint to the vaporising tunnel of the machine. During this process, every jar conveyor is matched with its prepared and warmed-up cap from the nozzle. The caps are screwed on by two closing belts. The vapour condenses in the head space of the hermetically sealed containers, resulting in the intended vacuum.

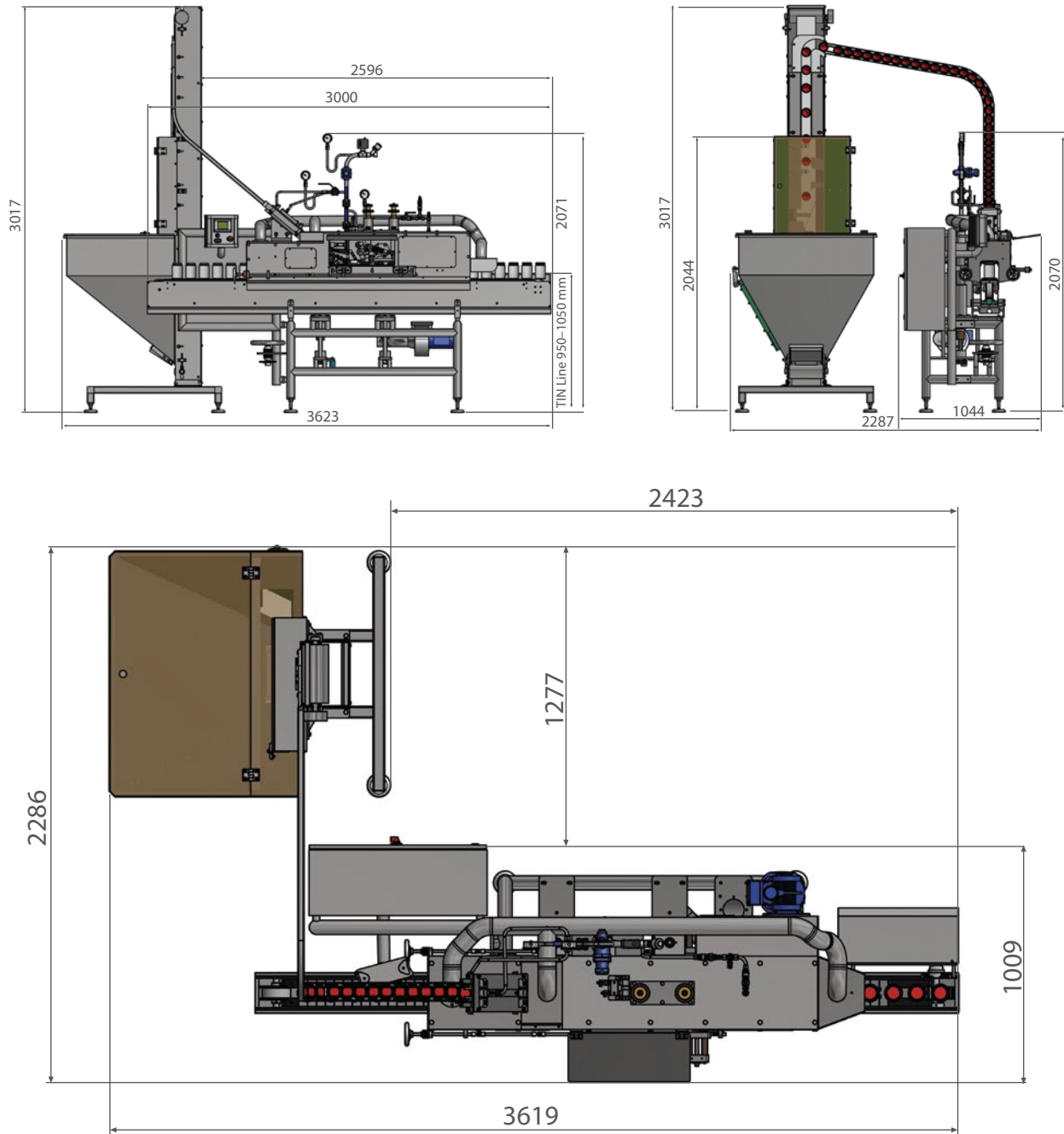
Properties LW 6000:

- Base frame and jar conveyor belt made from stainless steel
- All stainless steel material *hygienic design*
- Cap sorting/delivery by magnet elevator LW 1100
- Short changeover time due to modified feature parts
- Central adjusting of the side belts, thus quick format customization
- Continuous speed adjustment due to frequency controlled SEW drive
- Synchronised drives for machine head and jar conveyor
- Entirely new electronic facilities, Siemens S7 PLC, stainless steel switch box
- Adjustable steam injection for obtaining a vacuum in the jars/bottles
- Pre-warming zone for the caps
- Standard belt length 2,950 mm / conveyor belt length min 900 mm

The quality of TWIST-OFF and PT

Five decades proved closing technology in stainless steel design

Floor plan LW 6000 Twist - Off



Subject to technical modifications · Status: 09/2014

Technical data:

Machine efficiency up to 300 units/min, depending on the diameter of the caps and jars being processed.

Ø caps: 30 – 110 mm

Ø jar: 40 – 145 mm

↑ jar: 50 – 270 mm

Electric connection: 380 V · 50 Hz · 1.4 kW

Steam connection: R ¾" 5 to 8 bar

Steam consumption: depending on content and head space up to 190 kg/hour

Water connection: R ½"